

Form PTO-1449
(Rev. 8-88)U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.
1650.65513

Serial No. 09/928,386

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

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Filing Date: August 13, 2001

Group No. 3762



U.S. PATENT DOCUMENTS

Examiner initial*	Document No.	Date	Name	Class	Subclass	Filing Date
88	4 8 5 1 0 0 2	July 25, 1989	Slonina			August 1987

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation
0 6 2 9 4 1 2	January 14, 1998	Europe			Yes X No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

88	Left Ventricular Assist Devices	Management of End-Stage Heart Disease Chapter 16	Pages 197-211	Argenziano et al.	1998
	Total Artificial Heart	Management of End-Stage Heart Disease Chapter 17	Pages 213-219	Kung	1998
	Axial Flow Pumps	Management of End-Stage Heart Disease Chapter 18	Pages 221-227	Fraxier	1998
	An electromagnetically driven univalved artificial heart	Artificial Heart 3 Chapter 10	Pages 87-91	Nitta et al.	1990
	Development of artificial heart With left and right ventricles using S linear pulse motor	Artificial Heart 3 Chapter 12	Pages 101-105	Umez u et al.	1990
	Preliminary study - Optimization of spiral vortex blood pump	Artificial Heart 3 Chapter 13	Pages 107-114	Umexu et al.	1990
	Development of an artificial heart actuator for a compliance chamberless blood pump	Artificial Heart 3 Chapter 17	Pages 137-142	Imachi et al.	1990
	Toward a totally implantable artificial heart: Development status at Cleveland Clinic	Artificial Heart 3 Chapter 18	Pages 147-164	Nakamura et al.	1990
	Motor-driven, computer-controlled implantable cardiac assist device - An optical encoder for feedback control	Artificial Heart 3 Chapter 21	Pages 183-197	Nakamura et al.	1990
	The Penn State Implantable artificial heart: Current status	Artificial Heart 3 Chapter 24	Pages 205-212	Snyder et al.	1990
	Design of moving-actuator total	Artificial Heart 3 Chapter 27	Pages 229-233	Goo Min et al.	1990
	Philadelphia Heart System (Cardiac Systems, Japan Medical Supply)	Artificial Heart 3	Page 342	Unknown	1990

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Tohoku University TH-7B pneumatically Artificial Heart 3
Driven sac-type ventricular assist device
System and newly developed vibrating electromagnetic pump

Page 345

Unknown

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9/5/02

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